

ATTACHMENT J39

Spofford AAF Electric Distribution System

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J39 Spofford AAF Electric Distribution System

J39.1 Spofford AAF Overview

The Spofford Auxiliary Air Field is located south of Brackettville, Texas and approximately 45 miles from Laughlin AFB. It consists of three building structures and an airfield runway. The field is owned by the Air Force. The three building structures are a fire station and two Runway Supervisory Units. The site is used in conjunction with Laughlin AFB for flying training exercises. There are no government employees on site unless the airfield is in use. During flying training exercises government personnel, for fire fighting purposes, man the fire station and training instructors are present to observe from the two RSU structures.

J39.2 Electric Distribution System Description

J39.2.1 Electric Distribution System Fixed Equipment Inventory

The Spofford AAF electric distribution system consists of all appurtenances physically connected to the distribution system from the point in which the distribution system enters the site and Government ownership currently starts to the point of demarcation, defined by the Right of Way. The system may include, but is not limited to, transformers, overhead and underground circuits, and utility poles. The actual inventory of items sold will be established in the Bill of Sale at the time the system is transferred. The following description and inventory is included to provide the Contractor with a general understanding of the size and configuration of the distribution system. The Government makes no representation that the inventory is accurate. The Contractor shall base its proposal on site inspections, information in the technical library, other pertinent information, and to a lesser degree the following description and inventory. Under no circumstances shall the Contractor be entitled to any service charge adjustments based on the accuracy of the following description and inventory.

Specifically excluded from the electric distribution system privatization are:

- None

J39.2.1.1 Description

The service into the facility is through a single-phase overhead line. Government ownership of the electric facilities starts at the first pole past the metering. One service taps off to a riser and down to an underground circuit to the fire station. Another pole has two risers down to an underground circuit to the RSUs.

J39.2.1.2 Inventory

Table 1 provides a general listing of the major electric distribution system fixed assets for the Spofford AAF electric distribution system included in the sale.

TABLE 1
Fixed Inventory
Electric Distribution System Spofford AAF

Item	Size	Quantity	Unit	Approximate Year of Construction
<u>Underground Circuits</u>		<u>Length (ft)</u>		
12.47 kVA rated single phase circuit		7,000	LF	1975
<u>Overhead Circuits</u>				
Conductor		500	LF	1975
<u>Transformers</u>		<u>Nom kVA</u>	<u>No.</u>	
3-Phase	25	3	EA	1975
<u>Utility Poles</u>		<u>Height (ft)</u>	<u>No.</u>	
	40	2	EA	1975
Notes: Nom kVA = nominal kilovolt-amperes ea = each		AWG = American Wire Gauge lf = linear feet		

J39.2.2 Electric Distribution System Non-Fixed Equipment and Specialized Tools Inventory

Table 2 lists other ancillary equipment (spare parts) and **Table 3** lists specialized vehicles and tools included in the sale. Offerors shall field verify all equipment, vehicles, and tools prior to submitting a bid. Offerors shall make their own determination of the adequacy of all equipment, vehicles, and tools.

TABLE 2
Spare Parts
Electric Distribution System Spofford AAF

Qty	Item	Make/Model	Description	Remarks
No spare parts are included in the privatization of this utility system.				

TABLE 3
Specialized Equipment and Vehicles
Electric Distribution System Spofford AAF

Description	Quantity	Location	Maker
No specialized equipment and vehicles are included in the privatization of this utility system.			

J39.2.3 Electric Distribution System Manuals, Drawings, and Records

Table 4 lists the manuals, drawings, and records that will be transferred with the system.

TABLE 4
Manuals, Drawings, and Records
Electric Distribution System Spofford AAF

Qty	Item	Description	Remarks
		No manuals, drawings, or records are included in the privatization of this utility system.	

J39.3 Specific Service Requirements

The service requirements for the Spofford AAF electric distribution system are as defined in the Section C, *Description/Specifications/Work Statement*. The following requirements are specific to the Spofford AAF electric distribution system and are in addition to those found in Section C. If there is a conflict between requirements described below and Section C, the requirements listed below take precedence over those found in Section C.

- In accordance with paragraph C.5.1.3, *Contractor Facilities*, all new and renewal electric utility services shall be placed underground unless otherwise agreed to by both parties.
- In accordance with C.8.2, Emergency Service Requests, and C.13.4, System Requirements, the Contractor shall prepare and submit outage reports to the Contracting Officer or other representative as designated by the Contracting Officer. The reports shall be provided to the Contracting Officer within 10 days following the completion of work. The Contractor shall propose a report format that shall be accepted by the Contracting Officer. The report shall include the following information for Scheduled and Unscheduled outages:

Scheduled: Requestor, date, time, duration, facilities affected, feedback provided during outage, outage notification form number, and digging clearance number.

Unscheduled: Include date, time and duration, facilities affected, response time after notification, completion times, feedback provided at time of outage, specific item failure, probability of future failure, long term fix, and emergency digging clearance number.

J39.4 Current Service Arrangement

Rio Grande Electric Cooperative (RGEN) supplies power to the Spofford AAF through a 12.47 kV primary metered service. It is estimated that the site would use approximately 60,000 kWh per year based on the consumption of similar facilities at other locations.

J39.5 Secondary Metering

The Installation may require secondary meters for internal billings of their reimbursable customers, utility usage management, and energy conservation monitoring. The Contractor shall assume full ownership and responsibility for existing and future secondary meters IAW Paragraph C.3.

J39.5.1 Existing Secondary Meters

Table 5 provides a listing of the existing (at the time of contract award) secondary meters that will be transferred to the Contractor. The Contractor shall provide meter readings once a month for all secondary meters IAW Paragraph C.3 and J39.6 below.

TABLE 5
Existing Secondary Meters
Electric Distribution System Spofford AAF

Building No.	Meter Location	Meter Description
None		

J39.5.2 Required New Secondary Meters

The Contractor shall install and calibrate new secondary meters as listed in **Table 6**. New secondary meters shall be installed IAW Paragraph C.13, Transition Plan. After installation, the Contractor shall maintain and read these meters IAW Paragraphs C.3 and J39.6 below.

TABLE 6
New Secondary Meters
Electric Distribution System Spofford AAF

Building No.	Meter Location	Meter Description
None		

J39.6 Submittals

The Contractor shall provide the Government submittals for the following:

1. Invoice (IAW G.2). The Contractor's monthly invoice shall be presented in a format proposed by the Contractor and accepted by the Contracting Officer. Invoices shall be submitted by the 25th of each month for the previous month. Invoices shall be submitted to:

Name: 47th CES/CEOE

Address: 251 Fourth Street, Laughlin AFB, TX 78843

Phone number: (830) 298-5960

J39.7 Energy Saving Projects

IAW Paragraph C.3, Requirement, the following projects have been implemented on the distribution system by the Government for energy conservation purposes.

- None

J39.8 Service Area

IAW Paragraph C.4, Service Area, the service area is defined as all areas within the Spofford AAF boundaries.

J39.9 Off-Installation Sites

There are no off-installation sites included with the Spofford AAF electric distribution system.

J39.10 Specific Transition Requirements

IAW Paragraph C.13, Transition Plan, **Table 7** provides a listing of service connections and disconnections required upon transfer.

TABLE 7
Service Connections and Disconnection's
Electric Distribution System Spofford AAF

Location	Description
None	

J39.11 Government Recognized System Deficiencies

Table 8 provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the Spofford AAF electric distribution system. If the electric distribution system is sold, the Government will not accomplish these planned improvements. The Contractor shall make a determination as to its actual need to accomplish and the timing of any and all such planned improvements. Capital upgrade projects shall be proposed through the Capital Upgrades and Renewal and Replacement Plan process and will be recovered through Schedule L-3. Renewal and Replacement projects will be recovered through Sub-CLIN AB.

TABLE 8
System Deficiencies
Electric Distribution System Spofford AAF

Project Location	Project Description
None	